



OBLON ET AL (703) 413-3000  
DOCKET # 205399US0X PCT  
INV. Alán SANSÓN et al.  
USSN 09/787,923  
Reply to Notice Regarding Drawings  
DATED Oct. 17, 2005  
REPLACEMENT DRAWINGS

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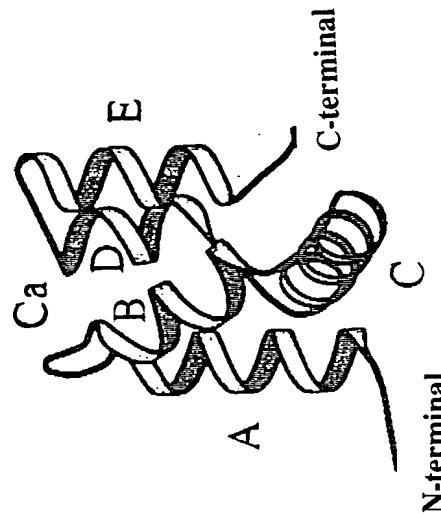


FIG. 1B

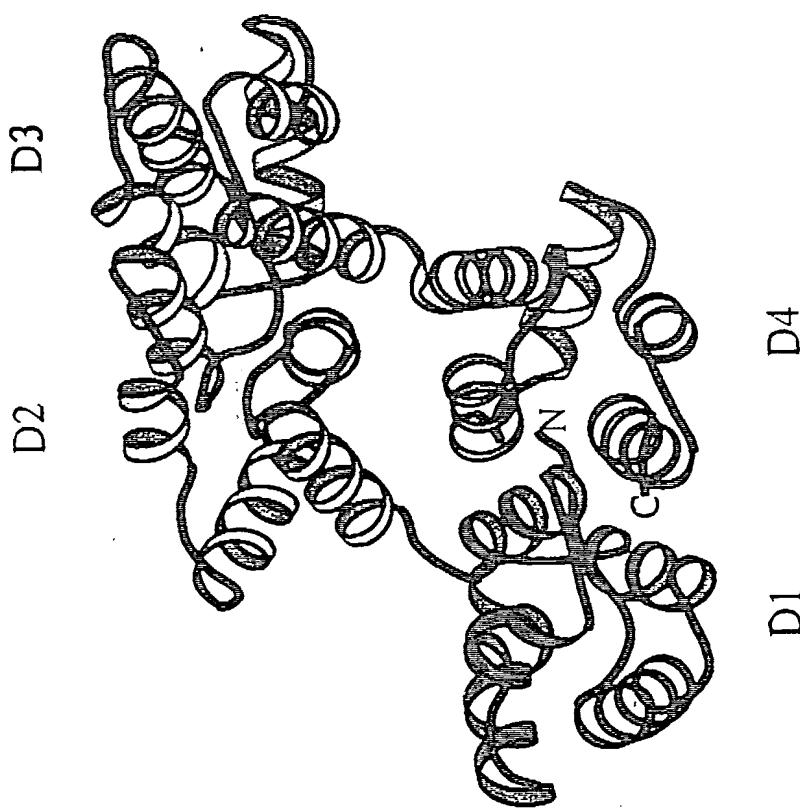
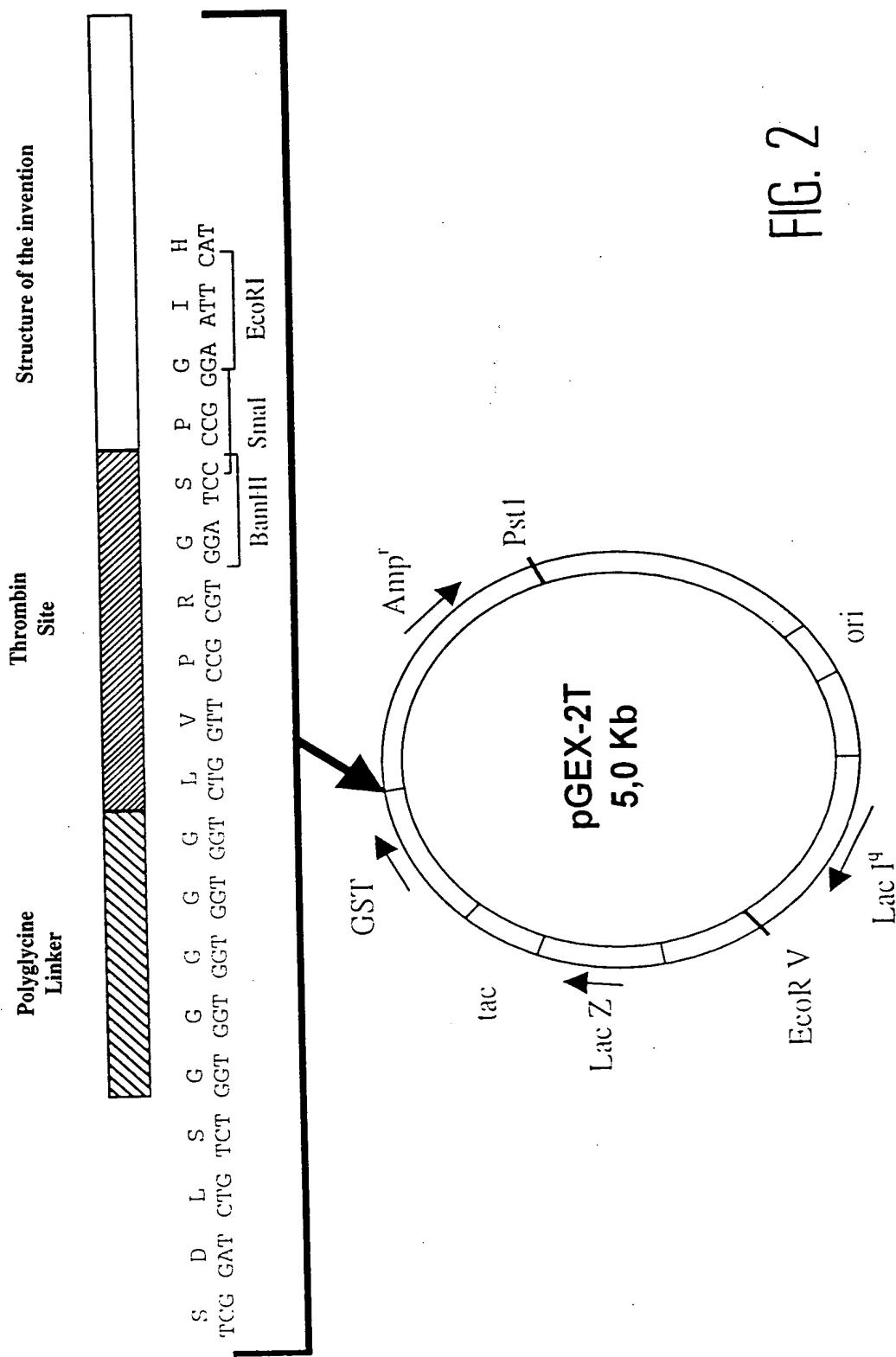


FIG. 1A



OBLON ET AL (703) 413-3000  
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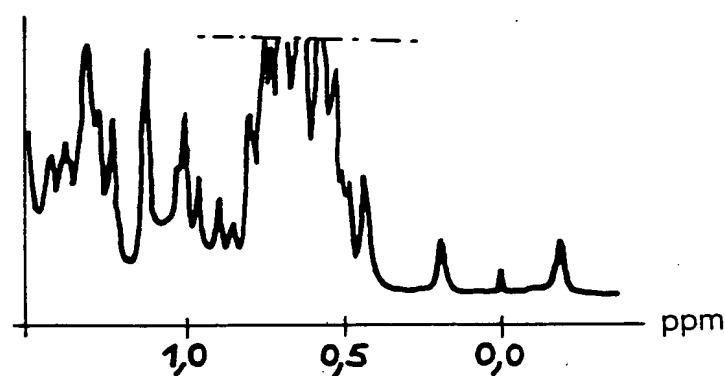


FIG. 3

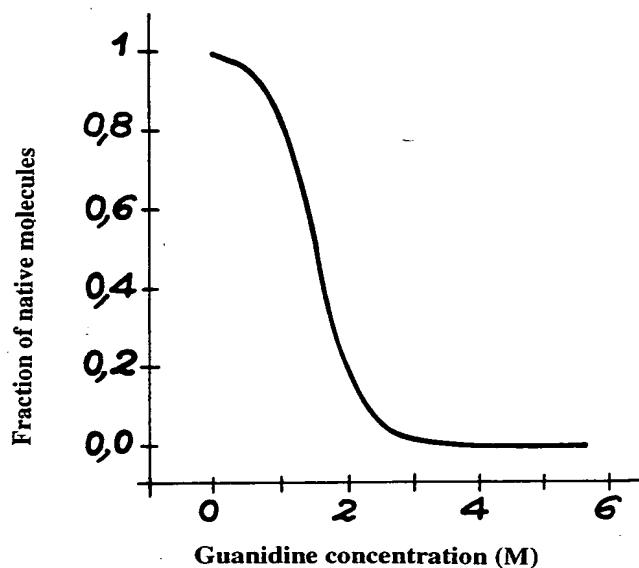


FIG. 4

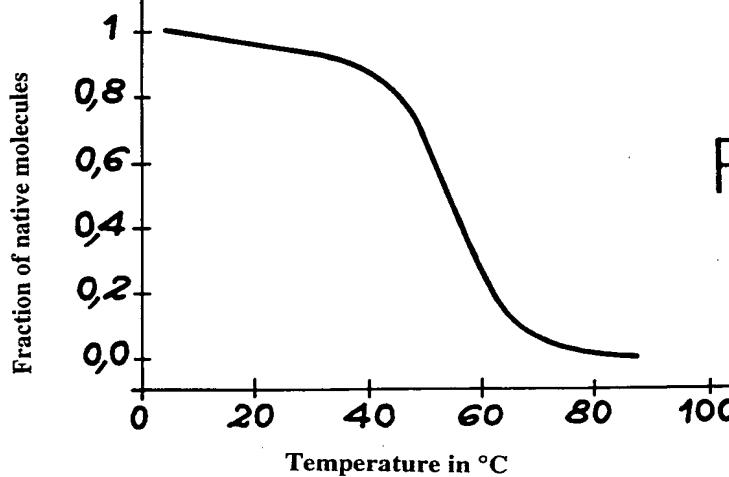
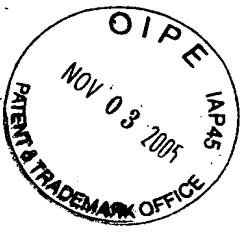


FIG. 5



OBLON ET AL (703) 413-3000  
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Sequence ID No. 1

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Domain 2

Met Ala Met Val Ser Glu Phe Leu Lys Gln Ala Trp Phe Ile		
1	5	10
Glu Asn Glu Glu Gln Glu Tyr Val Gln Thr Val Lys Ser Ser		
15	20	25
Lys Gly Gly Pro Gly Ser Ala Val Ser Pro Tyr Pro Thr Phe		
30	35	40
Asn Pro Ser Ser Asp Val Ala Ala Leu His Lys Ala Ile Met		
45	50	55
Val Lys Gly Val Asp Glu Ala Thr Ile Ile Asp Ile Leu Thr		
60	65	70
Lys Arg Asn Asn Ala Gln Arg Gln Gln Ile Lys Ala Ala Tyr		
75	80	
Leu Gln Glu Thr Gly Lys Pro Leu Asp Glu Thr Leu Lys Lys		
85	90	95
Ala Leu Thr Gly His Leu Glu Glu Val Val Leu Ala Leu Leu		
100	105	110
Lys Thr Pro Ala Gln Phe Asp Ala Asp Glu Leu <b>Arg</b> Ala Ala		
115	120	125
<u>Met Lys Gly Leu Gly Thr Asp Glu Asp Thr Leu Ile Glu Ile</u>		
130	135	140
<u>Leu Ala Ser Arg Thr Asn Lys Glu Ile Arg Asp Ile Asn Arg</u>		
145	150	
<u>Val Tyr Arg Glu Glu Leu Lys <b>Arg</b> Asp Leu Ala Lys <b>Asp</b> Ile</u>		
155	160	165
<u>Thr Ser <b>Asp</b> Thr Ser Gly Asp Phe Arg Asn Ala Leu Leu Ser</u>		
170	175	180
<u>Leu Ala Lys Gly Asp Arg Ser Glu Asp Phe Gly Val Asn Glu</u>		
185	190	200
Asp Leu Ala Asp Ser Asp Ala Arg Ala Leu Tyr Glu Ala Gly		
205	210	215
Glu Arg Arg Lys Gly Thr Asp Val Asn Val Phe Asn Thr Ile		
220	225	
Leu Thr Thr Arg Ser Tyr Pro Gln Leu Arg Arg Val Phe Gln		
230	235	240
Lys Tyr Thr Lys Tyr Ser Lys His Asp Met Asn Lys Val Leu		
245	250	260
Asp Leu Glu Leu Lys Gly Asp Ile Glu Lys Cys Leu Thr Ala		
265	270	275
Ile Val Lys Cys Ala Thr Ser Lys Pro Ala Phe Phe Ala Glu		
280	285	290
Lys Leu His Gln Ala Met Lys Gly Val Gly Thr Arg His Lys		
295	300	
Ala Leu Ile Arg Ile Met Val Ser Arg Ser Glu Ile Asp Met		
305	310	315
Asn Asp Ile Lys Ala Phe Tyr Gln Lys Met Tyr Gly Ile Ser		
320	325	330
Leu Cys Gln Ala Ile Leu Asp Glu Thr Lys Gly Asp Tyr Glu		
335	340	345
Lys Ile Leu Val Ala Leu Cys Gly Gly Asn		
350	355	

FIG. 6A: Human annexin I



Domain 1

Sequence ID No. 2

5 / 10

Met Ala Gln Val Leu Arg Gly Thr Val Thr Asp Phe Pro Gly		
1	5	10
Phe Asp Glu Arg Ala Asp Ala Glu Thr Leu Arg Lys Ala Met		
15	20	25
Lys Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu		
30	35	40
Thr Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala		
45	50	55
Phe Lys Thr Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys		
60	65	70
Ser Gln Leu Thr Gly Lys Phe Glu Lys Leu Ile Val Ala Leu		
75	80	
Met Lys Pro Ser Arg Leu Tyr Asp Ala Tyr Gln Leu Lys His		
85	90	95
Ala Leu Lys Gly Ala Gly Thr Asn Glu Lys Val Leu Thr Glu		
100	105	110
Ile Ile Ala Ser Arg Thr Pro Glu Glu Leu Arg Ala Ile Lys		
115	120	125
Gln Val Tyr Glu Glu Tyr Gly Ser Ser Leu Glu Asp Asp		
130	135	140
Val Val Gly Asp Thr Ser Gly Tyr Tyr Gln Arg Met Leu Val		
145	150	
Val Leu Leu Gln Ala Asn Arg Asp Pro Asp Ala Gly Ile Asp		
155	160	165
Glu Ala Gln Val Glu Gln Asp Ala Gln Ala Leu Phe Gln Ala		
170	175	180
Gly Glu Leu Lys Trp Gly Thr Asp Glu Glu Lys Phe Ile Thr		
185	190	195
Ile Phe Gly Thr Arg Ser Val Ser His Leu Arg Lys Val Phe		
200	205	210
Asp Lys Tyr Met Thr Ile Ser Gly Phe Gln Ile Glu Glu Thr		
215	220	
Ile Asp Arg Glu Thr Ser Gly Asn Leu Glu Gln Leu Leu Leu		
225	230	235
Ala Val Val Lys Ser Ile Arg Ser Ile Pro Ala Tyr Leu Ala		
240	245	250
Glu Thr Leu Tyr Tyr Ala Met Lys Gly Ala Gly Thr Asp Asp		
255	260	265
His Thr Leu Ile Arg Val Met Val Ser Arg Ser Glu Ile Asp		
270	275	280
Leu Phe Asn Ile Arg Lys Glu Phe Arg Lys Asn Phe Ala Thr		
285	290	
Ser Leu Tyr Ser Met Ile Lys Gly Asp Thr Ser Gly Asp Tyr		
295	300	305
Lys Lys Ala Leu Leu Leu Cys Gly Glu Asp Asp		
310	315	320

FIG. 6B Human annexin V

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Sequence ID No. 3

Domain 2

Met Ala Ser Ile Trp Val Gly His Arg Gly Thr Val Arg Asp		
1	5	10
Tyr Pro Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Gln		
15	20	25
Lys Ala Ile Arg Gly Ile Gly Thr Asp Glu Lys Met Leu Ile		
30	35	40
Ser Ile Leu Thr Glu Arg Ser Asn Ala Gln Arg Gln Leu Ile		
45	50	55
Val Lys Glu Tyr Gln Ala Ala Tyr Gly Lys Glu Leu Lys Asp		
60	65	70
Asp Leu Lys Gly Asp Leu Ser Gly His Phe Glu His Leu Met		
75	80	
Val Ala Leu Val Thr Pro Pro Ala Val Phe Asp Ala Lys Gln		
85	90	95
Leu <b>Lys</b> Lys Ser Met <b>Lys</b> Gly Ala Gly Thr Asn Glu Asp Ala		
100	105	110
Leu Ile Glu Ile Leu Thr Thr Arg Thr Ser Arg Gln Met Lys		
115	120	125
Asp Ile Ser Gln Ala Tyr Tyr Thr Val Tyr Lys <b>Lys</b> Ser Leu		
130	135	140
Gly Asp <b>Asp</b> Ile Ser <b>Ser</b> <b>Glu</b> Thr Ser Gly Asp Phe Arg Lys		
145	150	
Ala Leu Leu Thr Leu Ala <b>Asp</b> Gly Arg Arg Asp Glu Ser Leu		
155	160	165
Lys Val Asp Glu His Leu Ala Lys Gln Asp Ala Gln Ile Leu		
170	175	180
Tyr Lys Ala Gly Glu Asn Arg Trp Gly Thr Asp Glu Asp Lys		
185	190	195
Phe Thr Glu Ile Leu Cys Leu Arg Ser Phe Pro Gln Leu Lys		
200	205	210
Leu Thr Phe Asp Glu Tyr Arg Asn Ile Ser Gln Lys Asp Ile		
215	220	
Val Asp Ser Ile Lys Gly Glu Leu Ser Gly His Phe Glu Asp		
225	230	235
Leu Leu Leu Ala Ile Val Asn Cys Val Arg Asn Thr Pro Ala		
240	245	250
Phe Leu Ala Glu Arg Leu His Arg Ala Leu Lys Gly Ile Gly		
255	260	270
Thr Asp Glu Phe Thr Leu Asn Arg Ile Met Val Ser Arg Ser		
275	280	285
Glu Ile Asp Leu Leu Asp Ile Arg Thr Glu Phe Lys Lys His		
290	295	
Tyr Gly Tyr Ser Leu Tyr Ser Ala Ile Lys Ser Asp Thr Ser		
300	305	310
Gly Asp Tyr Glu Ile Thr Leu Leu Lys Ile Cys Gly Gly Asp Asp		
315	320	325

FIG. 6C : Human annexin III

## Sequence ID No. 4

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Domain 1

Met Ala Thr Lys Gly Gly Thr Val Lys Ala Ala Ser Gly Phe
1 5 10
Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
15 20 25
Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala
30 35 40
Tyr Arg Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr
45 50 55
Lys Ser Thr Ile Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser
60 65 70
Glu Leu Ser Gly Asn Phe Glu Gln Val Ile Val Gly Met Met
75 80
Thr
85

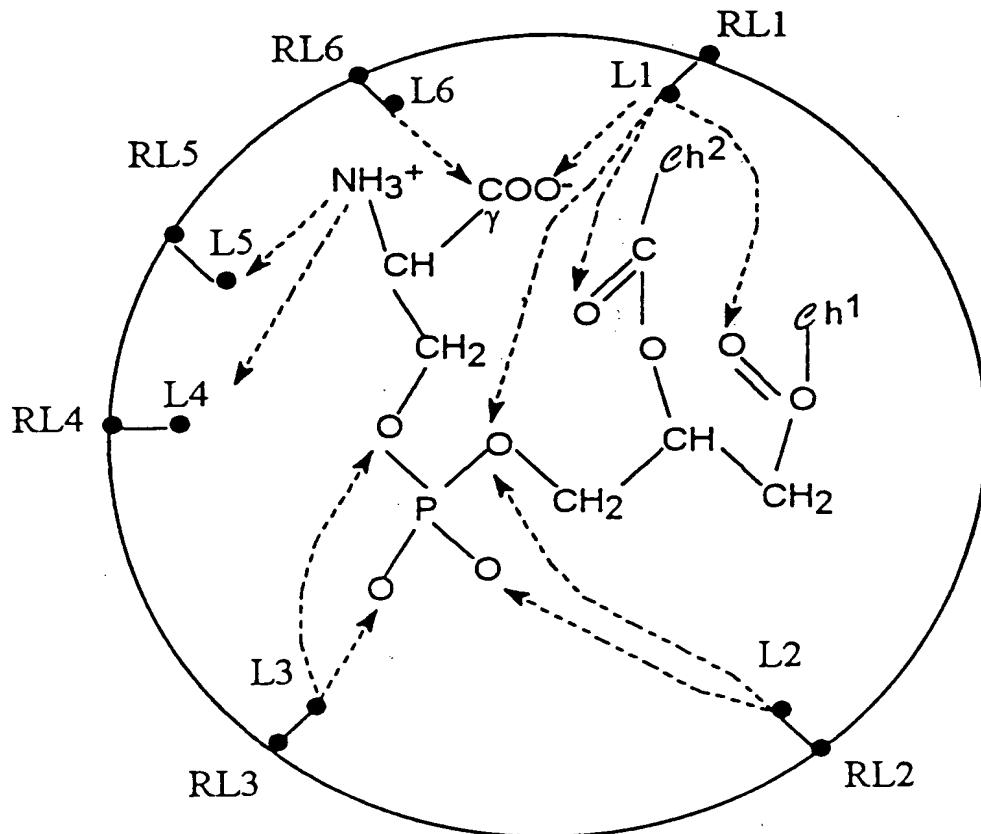
## Séquence ID n°5

Domain 2

Pro Thr Val Leu Tyr Asp Val Gln Glu Leu Gln Arg Lys Gly
86 90 95
Ala Met Lys Gly Ala Gly Thr Asp Glu Gly Cys Leu Ile Glu
100 105 110
Ile Leu Ala Ser Arg Thr Pro Glu Glu Ile Arg Arg Ile Asn
115 120 125
Gln Thr Tyr Gln Leu Gln Tyr Gly Arg Ser Leu Glu Asp Asp
130 135 140
Ile Arg Ser Asp Thr Ser Phe Met Phe Gln Arg Val Leu Val
145 150
Ser Leu Ser Ala Gly Gly Arg Asp Glu Gly Asn Tyr Leu Asp
155 160 170
Asp Ala Leu Val Arg Gln Asp Ala Gln Asp Leu Tyr Glu Ala
175 180 185
Gly Glu Lys Lys Trp Gly Thr Asp Glu Val Lys Phe Leu Thr
190 195 200
Val Leu Cys Ser Arg Asn Arg Asn His Leu Leu His Val Phe
205 210 215
Asp Glu Tyr Lys Arg Ile Ser Gln Lys Asp Ile Glu Gln Ser
220 225
Ile Lys Ser Glu Thr Ser Gly Ser Phe Glu Asp Ala Leu Leu
230 235 240
Ala Ile Val Lys Cys Met Arg Asn Lys Ser Ala Tyr Phe Ala
245 250 255
Glu Lys Leu Tyr Lys Ser Met Lys Gly Leu Gly Thr Asp Asp
260 265 270
Asn Thr Leu Ile Arg Val Met Val Ser Arg Ala Glu Ile Asp
275 280 285
Met Leu Asp Ile Arg Ala His Phe Lys Arg Leu Tyr Gly Lys
290 295
Ser Leu Tyr Ser Phe Ile Lys Gly Asp Thr Ser Gly Asp Tyr
300 305 310
Arg Lys Val Leu Leu Val Leu Cys Gly Gly Asp Asp
315 320 325

FIG. 6D : Human annexin IV





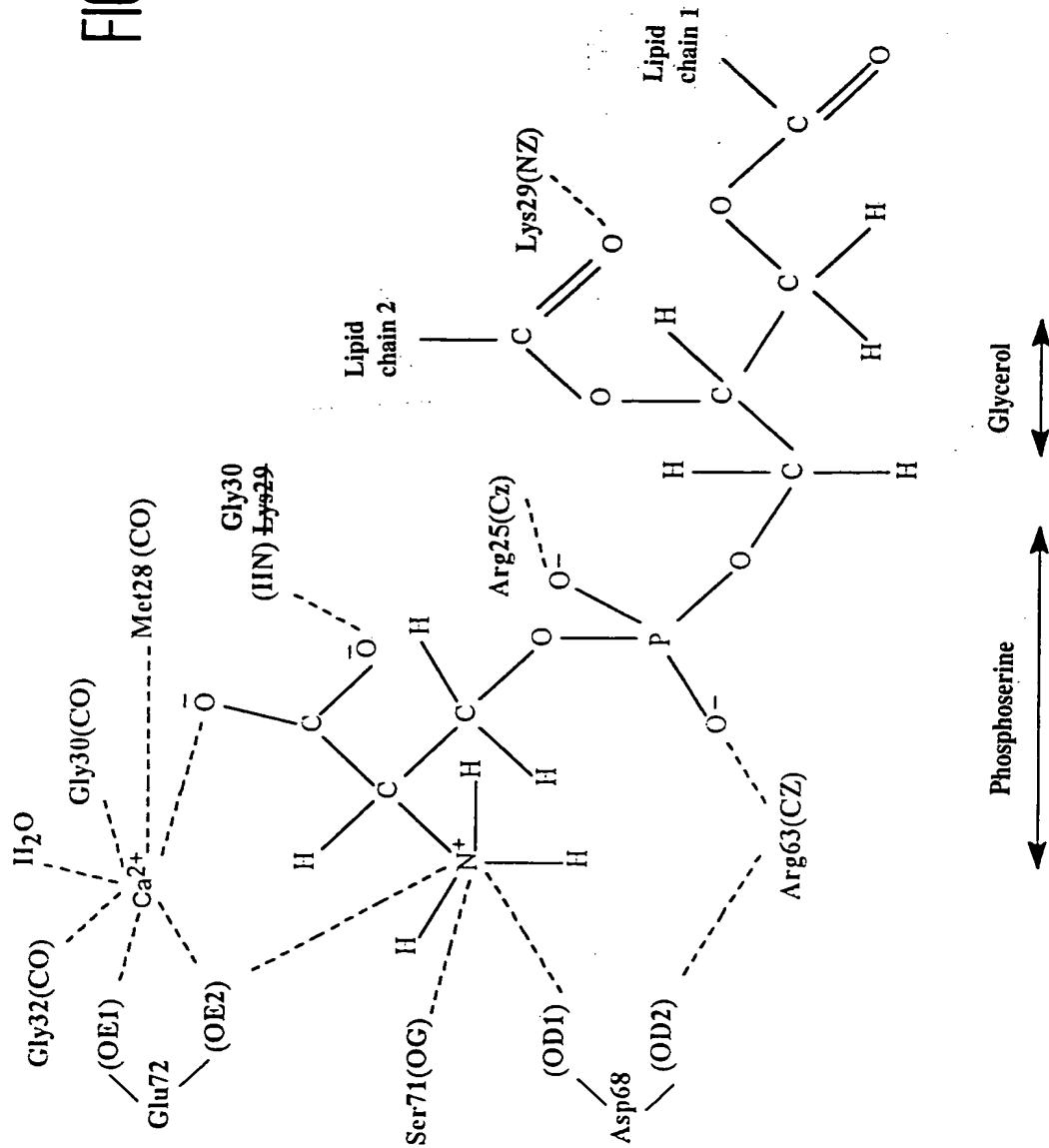
**Compound (I) + phosphatidylserine**

FIG. 7

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FIG. 8



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Wild A5

D68F

D68FI

D68W

1 2 3 T 4 1 2 3 4 1 2 3 4 1 4

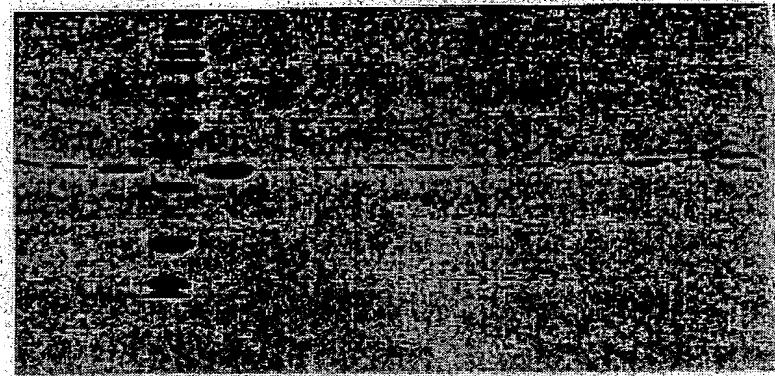


FIG. 9 A

Wild A5

D68F

D68FI

D68W

1 2 T 3 4 1 2 3 4 1 2 3 4 1 4

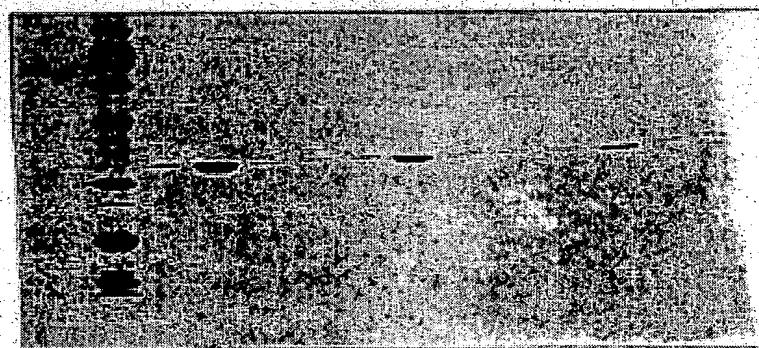


FIG. 9 B

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